

AMENDMENTS

In the Specification:

Amend the Title to read METHOD FOR MOUNTING ELECTRONIC COMPONENT
~~MOUNTING APPARATUS AND ELECTRONIC COMPONENT MOUNTING METHOD.~~

Amend the paragraph beginning at page 5, line 12, as follows:

Numerals 35 designate nozzle storage portions for storing various suction nozzles ~~[[13]]~~
33 for replacing the suction nozzles 33.

Amend the paragraph beginning at page 10, line 23, as follows:

Next, an ~~[[e]]~~ example of an operating environment when shifted to the adjustment mode by activation of the “component recognition monitoring navigation mode”. An illuminating condition adjustment environment will be described first. There are items of setting an “illumination pattern” and a “luminance” for setting an illuminating condition of each of the illumination units used for component recognition among items of the recognition data. Those items are data stored in the RAM 42 for setting an optimal illuminating condition (Fig. 8) corresponding to the degrees of light reflection of electrodes, leads, and molded resin, which are different among the components of various shapes or materials.

Amend the paragraph beginning at page 11, line 15, as follows:

When the picked-up component can not be recognized properly because of an improper illuminating condition, the illuminating condition adjustment environment is used for changing the illumination pattern to an optimal illumination pattern for the component. In the example of the illuminating structure shown in Fig. 9, the optimal illuminating environment is formed by illuminating or extinguishing light and adjusting each luminance (-80 %, -70 %, ~, standard, +10%, +20 %, ~,) of each of the illumination units 83, 84, 85, and 86 independently provided for a respective use. At this time, for example, the luminance for properly taking a component image by the camera should be examined by checking the image actually taken with set luminance. Therefore, it is necessary to repeat checking of the taken image by manually changing each of the data until the luminance is decided. This procedure makes an operating

efficiency reduced. To avoid this inconvenience, an automatic searching operation for an optimal luminance is used, although each of the data can be still manually ~~corrected~~ corrected.